

A, W, H, McL & N Docket No

ARMSTRONG, WESTERMAN, HATTORI, McLeland & Naughton

Declaration For U.S. Patent Application

As a below named inventor, I hereby declare that:

My residence, po	ost office address and citizenship are as sta	ted below next to my nam	ne.	
(Insert Title)	e original, first and sole inventor (if only obelow) of the subject matter which is clair INSPECTION SYSTEM BY CHARGED DEVICES USING THE SYSTEM	ne name is listed below) oned and for which a patent PARTICLE BEAM AND	or an original, first and joint invent t is sought on the invention entitle METHOD OF MANUFACTURIN	tor (if plural ed G
	of which is attached hereto unless the following	owing is checked:		
[]	was filed on June 27, 2001	as Unit	as United States Application Number or PCT International	
X	Application Number		and was amended on	
	(if applicable).			
I hereby state tha	t I have reviewed and understand the content of the referred to above.	ents of the above-identified	d specification, including the claim	n(s), as amended
I acknowledge the	e duty to disclose information which is mate	erial to patentability as defi	ned in Title 37 Code of Federal P.	egulations & 1.56
Hereby claim for inventor's certific	reign priority benefits under Title 35, Unite cate listed below and have also identified be lat of the application on which priority is c	ed States Code, § 119 (a) -	(d) of any foreign annihilation (a)	C
·· : 📆	192918/2000	Taman.	07/6/2000	Priority Claimed
List prior foreign	(Number)	<u>Japan</u> (Country)	27/6/2000 (Day/Month/Year Filed)	_ ⊠ Yes □ No
applications.	335751/2000	<u>Japan</u>	2/11/2000	_ ⊠ Yes □ No
See note A	(Number) 336156/2000	(Country) Japan	(Day/Month/Year Filed) 2/11/2000	Ø Vaa □ Na
this page)	335752/2000 (Number)	(Country)	(Day/Month/Year Filed)	_ ⊠ Yes □ No
	(Number)	Japan (Country)	2/11/2000 (Day/Month/Year Filed)	∑ Yes ☐ No
(See note B on ba	ck of this page) See attache		•	•
		d list for additional prior f		
I hereby claim the	benefit under Title 35, United States Code	e, § 119(e) of any United S	States provisional application(s) list	sted below.
•	(Application Number)		(Filing Date)	-
	(Application Number)		(Filing Date)	
the first paragraph ity as defined in Ti	benefit under Title 35, United States Code each of the claims of this application is not of Title 35, United States Code, § 112, I a itle 37, Code of Federal Regulations, § 1.5 PCT international filing date of the applic	disclosed in the prior Unicknowledge the duty to di	ted States application in the mann	er provided by
(List Prior U.S. Applications)	(Application Serial Number)	(Filing Date)	(Status) (patented, pending, abandoned)	
	(Application Serial Number)	(Filing Date)	(Status) (patented, pending	abandoned)
I hereby appoint th	e following attorney(s) and/or agent(s) to p			•

I h Trademark Office connected therewith:

James E. Armstrong, III, Reg. No. 18,366; William F. Westerman, Reg. No. 29,988; Ken-Ichi Hattori, Reg. No. 32,861; Le-Nhung McLeland, Reg. No. 31,541; Ronald F. Naughton, Reg. No. 24,616; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Albert Tockman, Reg. No. 19,722; Mel R. Quintos, Reg. No. 31,898; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; William L. Brooks, Reg. No. 34,129; John F. Carney, Reg. No. 20,276; Edward F. Welsh, Reg. No. 22,455; Patrick D. Muir, Reg. No. 37,403; Gay A. Spahn, Reg. No. 34,978; and John P. Kong, Reg. No. 40,054.

Please direct all communications to the following address:

ARMSTRONG, WESTERMAN, HATTORI,

McLELAND & NAUGHTON 1725 K Street, N.W., Suite 1000

Washington, D.C. 20006

Telephone: (202) 659-2930 Fax: (202) 887-0357

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Residence Ranagawa, Japan Citizenship Japanese		Full name of sole or first inventor (given n	ame, family name) <u>Mamoru NAKASUJI</u>
Post Office Address 2-15-11, Serigaya, Kounan-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of second inventor (given name, family name) Nobuharu NOJI Inventor's Signature Nobuharu NOJI Nobuharu NOJI Inventor's Signature Residence Kanagawa, Japan Citizenship Japanese Post Office Address Nobuharu NOJI Inventor's Signature Residence Kanagawa, Japan Citizenship Japanese Post Office Address Nobuharu NOJI Inventor's Signature Post Office Address Nobuharu NOJI Inventor's Signature Post Office Address Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address Nobuharu NOJI Inventor's Signature Post Office Address Nobuharu NOJI Inventor's Signature Inventor's Signature Full name of fifth inventor (given name, family name) Inventor's Signature Hirat Solukawa Inventor's Signature Residence Kanagawa, Japan Citizenship Japanese Post Office Address S-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Citizenship Japanese Post Office Address S-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Citizenship Japanese Post Office Address Tokyo Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Citizenship Japanese Post Office Address Signature Animentor's Signature Residence Kanagawa, Japan Citizenship Japanese Post Office Address Signature Nobel August 20, 2001 Residence Residence Kanagawa, Japan Citizenship Japanese Post Office Address Signature Nobel August 20, 2001 Residence Residence Kanagawa, Japan Citizenship Japanese Post Office Address Signature Nobel August 20, 2001 Residence Residence Residence Kanagawa, Japan Citizenship Japanese			
Full name of second inventor (given name, family name) Nobuharu NOJI Ingentor's Signature NoJI Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Tohru SATAKE Inventor's Signature Noji Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi SOBUKAWA Inventor's Signature Hirosi Sobukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Hirosi Signature Signat		Residence Kanagawa, Japa	an Citizenship Japanese
Integritor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Tohru SATAKE Inventor's Signature John Latine Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sobukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Date August 20, 2001 Residence Tokyo Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature August Aug		Post Office Address 2-15-11, Seri	gaya, Kounan-ku, Yokohama-shi, Kanagawa-ken, Japan
Integritor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Tohru SATAKE Inventor's Signature John Latine Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sobukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Date August 20, 2001 Residence Tokyo Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature August Aug		•	
Refidence Kanagawa, Japan Citizenship Japanese Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Full name of third inventor (given name, family name) Fost Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Full name of fourth inventor (given name, family name) Full name of fifth inventor (given name, family name) Full name of fifth inventor (given name, family name) Full name of fifth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of sixth inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family name) Full name of seventh inventor (given name, family nam	Full name of seco	ond inventor (given name, family name)	Nobuharu NOJI
Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Tohru SATAKE Inventor's Signature Kanagawa, Japan Citizenship Japanese Ranagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Residence Tokyo, Japan Citizenship Japanese Post Office Address Tokyo, Japan Citizenship Japanese			
Post Office Address 8-2-7, Hisagi, Zushi-shi, Kanagawa-ken, Japan Full name of third inventor (given name, family name) Tohru SATAKE Inventor's Signature Kanagawa, Japan Citizenship Japanese Ranagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Residence Tokyo, Japan Citizenship Japanese Post Office Address Tokyo, Japan Citizenship Japanese	Residence	Kanagawa, Japan	Citizenship <u>Japanese</u>
Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Full name of fourth inventor (given name, family name) Toshifumi KIMBA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Signature Shoji YoSHIKAWA Inventor's Signature Fost Office Address Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tokyo, Japan Citizenship Tokyo, Japan Citizenship Japanese			
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Toshifumi KIMBA Inwentor's Signature John Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of cighth inventor (given name, family name) Shin OOWADA	Full name of third	l inventor (given name, family name)	Tohru SATAKE
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Toshifumi KIMBA Inwentor's Signature John Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of cighth inventor (given name, family name) Shin OOWADA	Inventor's Signatu	ire John Satrke	Date August 20, 2001
Post Office Address 2-14-47, Higashikaigan-kita, Chigasaki-shi, Kanagawa-ken, Japan Toshifumi KIMBA Toshifumi KIMBA Toshifumi KIMBA Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sobukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Date August 20, 2001 Residence Tokyo Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Tautomu Hanimata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Tautomu Hanimata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Residence	Kanagawa, Japan	Citizenship _Japanese
Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Shop' Yoshif war Date August 20, 2001 Residence Tokyo Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Ranagawa, Japan Citizenship Japanese Fost Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Post Office Addre	ss2-14-47, Higashikaigan-kit	a, Chigasaki-shi, Kanagawa-ken, Japan
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sofukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Loyi Yoshifawa Date August 20, 2001 Residence Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Yautawa Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA			
Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sofukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Sofukawa Date August 20, 2001 Residence Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Santawa Animata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Inventor's Signatu	re Joshigum laha	Date August 20, 2001
Post Office Address 3-12-16, Kugenumasakuragaoka, Fujisawa-shi, Kanagawa-ken, Japan Full name of fifth inventor (given name, family name) Hirosi SOBUKAWA Inventor's Signature Hirosi Sofukawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Sofukawa Date August 20, 2001 Residence Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Santawa Animata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Residence	Kanagawa, Japan	Citizenship Japanese
Inventor's Signature Hirri Schulawa Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Tautomu Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Post Office Addre	ss <u>3-12-16, Kugenumasakuragao</u>	ka, Fujisawa-shi, Kanagawa-ken, Japan
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Tautomu Harimata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Full name of fifth	inventor (given name, family name)	Hirosi SOBUKAWA
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 5-32-2-307, Iriya, Zama-shi, Kanagawa-ken, Japan Full name of sixth inventor (given name, family name) Shoji YOSHIKAWA Inventor's Signature Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA Inventor's Signature Tautomu Harimata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Inventor's Signatu	re Hirori Sobukawa	Date August 20, 2001
Post Office Address	Residence	Kanagawa, Japan	Citizenship _Japanese
Inventor's Signature	Post Office Addres	ss <u>5-32-2-307</u> , Iriya, Zama-sh	i, Kanagawa-ken, Japan
Residence Tokyo, Japan Citizenship Japanese Post Office Address 1069-167, Katakura-machi, Hachioji-shi, Tokyo, Japan Full name of seventh inventor (given name, family name) Tsutomu KARIMATA nventor's Signature Tsutomu Harimata Date August 20, 2001 Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA			
Post Office Address	Inventor's Signatu	re shop yoshitawa	Date <u>August</u> 20, 2001
Post Office Address	Residence	Tokyo, Japan	Citizenship <u>Japanese</u>
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Post Office Addres	s <u>1069-167, Katakura-machi,</u>	Hachioji-shi, Tokyo, Japan
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Full name of seven	nth inventor (given name, family name)	Tsutomu KARIMATA
Residence Kanagawa, Japan Citizenship Japanese Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Inventor's Signatur	reTsutomu Karimata	
Post Office Address 3-2-3-3207-723, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan Full name of eighth inventor (given name, family name) Shin OOWADA	Residence	Kanagawa, Japan	
Full name of eighth inventor (given name, family name)Shin 00WADA	Post Office Addres	s <u>3-2-3-3207-723</u> , Shiomidai,	
muontan's Si	Full name of eightl	n inventor (given name, family name)	Shin OOWADA
nventor's Signature Date August :202001.	Inventor's Signatur	e Shin Counda.	Date August 20, 2001
Residence Kanagawa, Japan Citizenship Japanese	Residence	Kanagawa, Japan	Citizenship Japanese
ost Office Address 1-10-8, Fujizuka, Kouhoku-ku, Yokohama-shi, Kanagawa-ken, Japan	Post Office Address	s 1-10-8, Fujizuka, Kouhoku-l	ku, Yokohama-shi, Kanagawa-ken, Japan

Full name of nir	th inventor (given name, family name)	Mutsumi SAITO
Inventor's Signat	ure mutsumi Saito	Date _August 20, 2001
Residence		
Post Office Addre	ess <u>4-28-14-</u> B206, Namamugi, Tsurum	CitizenshipJapanese ni-ku, Yokohama-shi, Kanagawa-ken, Japan
Full name of ter	oth inventor (given name family	Munoki HAMACHIMA
Inventor's Signatu	ire Mineki Lamashim	Date August 20 2001
Residence	Chiba, Japan	Citizenship Japanese
Post Office Addre	ss <u>2-16-5-101, Kairaku, Urayasu</u> -s	hi, Chiba-ken, Japan
Full name of ele	eventh inventor (given name, family name)	Toru TAKAGI
Inventor's Signatu	re Tou Jakari	DateAugust 20, 2001
Residence	Kanagawa, Japan $ heta$	Citizenship Japanese
Post Office Address	ss <u>1-50-2-102, Akuwahigashi,</u> Seya	-ku, Yokohama-shi, Kanagawa-ken, Japan
Full name of twe	1fth inventor (given name, family name)	
Residence		Date
Post Office Addres	s	DateCitizenship
Full-name of thir	teenth 'inventor (given name, family name)	Date
Residence		DateCitizenship
Post Office Address		Citizenship
Full name of four	teenth inventor (given name, family name	e)
Inventor's Signature		Date
Residence		DateDateCitizenship
Post Office Address		
Full name of fift	(B. Con manie, lanning manie	·)
Residence		Date
Post Office Address		Citizenship
1 031 Office Address		

336091/2000	Japan	2/1.1/2000	Priority Claimed Solve Priority Claimed
(Number) 337058/2000	(Country) Japan	(Day/Month/Year Filed) 6/11/2000	_
(Number) 377285/2000	(Country) Japan	(Day/Month/Year Filed) 12/12/2000	△ Yes □ No
(Number) 31901/2001	(Country) Japan	(Day/Month/Year Filed) 8/2/2001	_ ⊠ Yes ☐ No
(Number)	(Country)	(Day/Month/Year Filed)	_
31906/2001	Japan	8/2/2001	Yes □ No
(Number) 33599/2001	(Country) Japan	(Day/Month/Year Filed) 9/2/2001	☑ Yes ☑ No
(Number) 112745/2001	(Country) Japan	(Day/Month/Year Filed) 11/4/2001	— ☐ Yes ☐ No
(Number) 115060/2001	(Country) Japan	(Day/Month/Year Filed) 13/4/2001	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	
143084/2001	Japan	14/5/2001	X Yes □ No
(Number) 158571/2001	(Country) Japan	(Day/Month/Year Filed) 28/5/2001	D Yes D No
(Number)	(Country)	(Day/Month/Year Filed)	_ □ Yes □ No
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	_ Q Yes Q No